

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	low near power with decod\$4 with preamble with packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 10:36
S2	196	decod\$4 with preamble with packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 18:38
S3	25	S2 and low near power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 14:37
S4	6	decod\$4 with preamble with packet with path	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 14:36
S5	62	decod\$4 with preamble with (data packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 15:40
S6	1811	375/316.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 15:52
S7	963	375/316.ccls.	USPAT	ADJ	OFF	2006/12/14 15:42
S8	1	S6 and (decod\$4 with preamble with data packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 15:54

## EAST Search History

S9	2	S6 and (decod\$4 with preamble same data packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 16:28
S10	5	S6 and (sleep and receiv\$4) mode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 16:30
S11	54	S6 and receiv\$4 mode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 16:30
S12	15	S11 and low near power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 17:22
S13	10	("5420593"   "5448773"   "5592173"   "5600670"   "5650785"   "5949812"   "6091785"   "6496533"   "6879913"   "6888879").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/14 16:41
S14	20	"400790"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/14 17:04
S15	439	low near power and (sleep and receiv\$4) mode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 17:23
S16	447	low near power and ((sleep or listen) and receiv\$4) mode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 17:23
S17	46	S16 and (decod\$4 same data same preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 17:45

## EAST Search History

S18	489	adc with (low or high) power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 17:47
S19	1	S18 and (decod\$4 with preamble with packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 17:48
S20	419	455/13.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 17:48
S21	0	S20 and (decod\$4 with preamble same packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 17:49
S22	1	S20 and (decod\$4 with preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 17:49
S23	1137	455/574.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 17:50
S24	4	S23 and (decod\$4 same preamble same packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 17:50
S25	1	S2 and adc with (high and low)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 18:10

## EAST Search History

S26	700	decod\$4 same preamble same packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 18:12
S27	2	S26 and (adc with high and low)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 18:13
S28	18	"690446"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 18:38
S29	2657	receiv\$4 and (switch) and (preamble or pilot or header) near4 decod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 12:37
S30	476	receiv\$4 and (switch) same (preamble or pilot or header) near4 decod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 12:37
S31	247	receiv\$4 same (switch) same (preamble or pilot or header) near4 decod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 12:37
S32	161	receiv\$4 same (switch) same (preamble or pilot or header) near4 decod\$4 same data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 15:41
S33	0	receiv\$4 same (switch) switch (preamble or pilot or header) near4 decod\$4 same data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 15:42

## EAST Search History

S34	45	receiv\$4 same (switch) with (preamble or pilot or header) near4 decod\$4 same data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 16:01
S35	0	receiv\$4 same rf same (switch with (preamble or pilot or header) near4 decod\$4 same data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 16:02
S36	0	receiv\$4 same rf same switch with (preamble or pilot or header) near4 decod\$4 same data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 16:02
S37	0	receiv\$4 and rf same switch with (preamble or pilot or header) near4 decod\$4 same data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 16:03
S38	7	receiv\$4 and (ad or adc or (a\$1d)) same switch with (preamble or pilot or header) near4 decod\$4 same data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 16:12
S39	8	receiv\$4 and (ad or adc or (a\$1d)) same switch with (preamble or pilot or header) near4 decod\$4 same (packet or data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 16:19
S40	34	receiv\$4 and (ad or adc or (a\$1d)) same switch same (preamble or pilot or header) with decod\$4 same (packet or data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 16:55
S41	34	receiv\$4 and ((ad or adc or (a\$1d)) same switch same (preamble or pilot or header) with decod\$4 same (packet or data))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 17:16

## EAST Search History

S42	0	receiver same (listen or sleep) mode same switch same (a\$1d or adc) same (decod\$4 or detect\$4) with (preamble or pilot or header)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 17:19
S43	0	receiv\$4 same (listen or sleep) mode same switch same (a\$1d or adc) same (decod\$4 or detect\$4) with (preamble or pilot or header)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 17:20
S44	9	receiv\$4 same (listen or sleep) same (a\$1d or adc) same (decod\$4 or detect\$4) with (preamble or pilot or header)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/15 17:22
S45	2	("6236674").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/15 17:22
S46	27	("4194153"   "4384361"   "4577315"   "4903319"   "4955038"   "5027428"   "5029183"   "5103461"   "5142550"   "5144296"   "5157687"   "5179724"   "5220564"   "5265270"   "5276680"   "5280498"   "5392023"   "5440298"   "5471655"   "5479441"   "5519506"   "5524021"   "5541976"   "5559804"   "5566366"   "5606728"   "5734686").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/15 17:23
S47	24	("6236674").URPN.	USPAT	ADJ	OFF	2006/12/15 17:43
S48	2	("4903335").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/15 17:44
S49	24	("4903335").URPN.	USPAT	ADJ	OFF	2006/12/15 17:54
S50	690	(a\$1d or adc or analog near digital converter) same (decod\$4 or detect\$4) with (pilot or preamble or header) same (data or packet)	USPAT	ADJ	OFF	2006/12/15 17:57
S51	673	S50 and receiv\$4	USPAT	ADJ	OFF	2006/12/15 17:57
S52	343	S50 same receiv\$4	USPAT	ADJ	OFF	2006/12/15 17:58

## EAST Search History

S53	2	("6340944"   "6577185").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/15 18:28
S54	2	S52 and wlan	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/15 18:28
S55	2	S51 and wlan	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/15 18:31
S56	6	S50 and wireless local area network\$1	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/15 18:32
S57	0	wo0105052	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 10:37
S58	0	ep1164735	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 10:45
S59	720	((dual with path\$1) or (mult\$4 with path\$1)) same (preamble or pilot or header or sync) same (data or packet) and receiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 10:47
S60	48	S59 and wlan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 12:16
S61	349	S59 and (wlan or cdma)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 13:10
S62	108	S59 and lan	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 13:31

## EAST Search History

S63	86	S59 and lan and switch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 13:32
S64	102	S59 and lan and (switch\$4 or select\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 14:45
S65	2657	(455/456.4,522).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/20 14:45
S66	0	S65 and "375".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 14:45
S67	256	S65 and "375"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 14:46
S68	35	S67 and (first and second) with path\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 15:22
S69	1	S67 and (first and second) with path\$1 same (preamble or pilot or header)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 14:48



## EAST Search History

S70	49	(packet\$4 or burst\$1) near3 (communication\$1 or system\$1) and (data or payload\$1) same (analog near2 (front\$2end\$1 or (front adj2 end\$1)) or "a/d" or "adc" or (analog adj2 digital adj2 conver\$4)) and (preamble\$1 or header or pilot\$1 or training or auxiliary) same (analog near2 (front\$2end\$1 or (front adj2 end\$1)) or "a/d" or "adc" or (analog adj2 digital adj2 convert\$4)) same (select\$4 or switch\$4) and power\$1 near3 (sav\$4 or low\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 16:11
S71	23	(first and second) with (path\$1 or branch\$4) same (a/d or adc or (analog near3 digital)) same (preamble or pilot or header or sync) same (payload or packet or data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/20 16:13
S72	18	("20020008577"   "20020048326"   "20030001669"   "20030012299"   "20030090319"   "3681695"   "3896395"   "3974447"   "4090147"   "4794343"   "5913152"   "6208204"   "6275106"   "6313703"   "6452446"   "6553211"   "6614298"   "6674324").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/20 16:24
S73	853	(first and second) with (path\$1 or branch\$4 or analog) same (pilot or header or preamble) same (data or packet or payload)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/20 17:35
S74	364	(first and second) with (path\$1 or branch\$4 or analog) with (pilot or header or preamble) with (data or packet or payload)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/20 16:26
S75	86	S74 and (wlan or cdma)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/20 17:32
S76	13	S73 and wlan	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/20 17:32
S77	225	(first and second) with (path\$1 or branch\$4 or analog) same ((detect\$4 or decod\$4 or determin\$4) with (pilot or header or preamble)) same (data or packet or payload)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/20 17:39
S78	17	S77 and lan	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/20 18:00

## EAST Search History

S79	2	("7076009").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/20 18:05
S80	2	("4506386").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/20 18:05
S81	4	((("4903319") or ("4955038"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/20 18:09
S82	2	("6236674").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/20 18:09
S83	27	("4194153"   "4384361"   "4577315"   "4903319"   "4955038"   "5027428"   "5029183"   "5103461"   "5142550"   "5144296"   "5157687"   "5179724"   "5220564"   "5265270"   "5276680"   "5280498"   "5392023"   "5440298"   "5471655"   "5479441"   "5519506"   "5524021"   "5541976"   "5559804"   "5566366"   "5606728"   "5734686").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 08:39
S84	4957	switch with (preamble or pilot or header or sync or uw or unique word\$1) with (data or packet\$1 or payload\$1)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 08:40
S85	56	S84 and wlan	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 09:32
S86	421	(a/d or analog to digital converter or analog front\$4) same (parallel process\$4 or concurrent or simult\$4)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 09:37
S87	0	S86 and wlan	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 09:37

## EAST Search History

S88	23	S86 same (preamble or pilot or header or sync)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 11:00
S89	1547	375/354.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 11:01
S90	10	S89 and wlan	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 12:22
S91	357	375/216,217.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 12:23
S92	14	S91 and 455/212,218.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 12:57
S93	553	455/212,218.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 12:57
S94	10	S93 and (preamble or pilot or header) same (data or packet or payload)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 13:05
S95	0	preamble path with less power	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 13:06
S96	24	preamble with less power	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 14:40
S97	18277	(switch\$4 or select\$4 or activat\$4) with (preamble or pilot or header\$1) same (data or packet or payload)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 14:42
S98	13916	(switch\$4 or select\$4 or activat\$4) with (preamble or pilot or header\$1) with (data or packet or payload)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 14:42
S99	253	S98 and wlan	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 14:53
S100	3064	S97 same detect\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 14:53
S101	196	S100 and "375"/\$.ccls. and ("370"/\$.ccls. or "455"/\$.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 14:54

## EAST Search History

S10 2	14	("20020131480"   "20030147374"   "20030161421"   "20030169706"   "20040086070"   "20040109419"   "20040156309"   "20050025117"   "20050068886"   "4481640"   "4601045"   "5737329"   "5793757"   "6614836").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 17:31
S10 3	129	"249683"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 17:31
S10 4	192	"24863"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/21 17:31
S10 5	15	"249863"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/22 07:45
S10 6	3707	sign\$4 power with two	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/22 07:45
S10 7	256	sign\$4 power near two	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/22 07:46
S10 8	2	S107 and filter coefficient\$1	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/22 07:46
S10 9	149	S107 and filter	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/22 08:38
S11 0	2	("6418164").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/22 08:57
S11 1	5990	sign\$4 with fir filter\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/22 08:57
S11 2	0	sign\$4 power near two with fir filter\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/22 08:58

## EAST Search History

S11 3	0	sign\$4 power near two same fir filter\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/22 08:58
S11 4	5	sign\$4 power with two same fir filter\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/22 08:58
S11 5	198	(preamble or pilot or header or sync word) same data same (sleep or listen) same power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/05/31 15:25
S11 6	131	(preamble or pilot or header or sync word) same data same (sleep or listen) same power same receiv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/05/31 17:25
S11 7	80	S116 and ("375"/\$.ccls or "455"/\$. ccls. or "370"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/05/31 17:26
S11 8	2	"630215" and (initial same end)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 11:38
S11 9	0	package detect\$4 same adc same (select\$4 or switch\$4 or multiplex\$5)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 11:39
S12 0	26	pack\$4 detect\$4 same adc same (select\$4 or switch\$4 or multiplex\$5)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 11:42
S12 1	63	(pack\$4 with detect\$4) same adc same (select\$4 or switch\$4 or multiplex\$5)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 16:07
S12 2	2	((((pack\$4 or preamble or header or pilot) with detect\$4) with low resolut\$4) same adc	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 16:09
S12 3	2	((((pack\$4 or preamble or header or pilot) with detect\$4) with low near resolut\$4) same adc	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 15:55

## EAST Search History

S12 4	2	((pack\$4 or preamble or header or pilot) with detect\$4) with (low near4 resolut\$4)) same adc	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 15:55
S12 5	3	((pack\$4 or preamble or header or pilot) with detect\$4) same (low near4 resolut\$4)) same adc	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 15:56
S12 6	368	((pack\$4 or preamble or header or pilot) with detect\$4) same (low with resolut\$4))	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 15:56
S12 7	193	((pack\$4 or preamble or header or pilot) with detect\$4) with (low near resolut\$4))	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 15:56
S12 8	189	((pack\$4 or preamble or header or pilot) with detect\$4) with (low resolut\$4))	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 16:14
S12 9	7	S128 and ("375"/\$.ccls. or "370"/\$.ccls. or "455"/\$.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 15:58
S13 0	7	S127 and ("375"/\$.ccls. or "370"/\$.ccls. or "455"/\$.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 15:58
S13 1	18	S126 and ("375"/\$.ccls. or "370"/\$.ccls. or "455"/\$.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 15:58
S13 2	183	(pack\$4 with detect\$4) with low resolut\$5	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 16:09
S13 3	119	(pack\$4 near2 detect\$4) with low resolut\$5	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 16:08
S13 5	5	((pack\$4 or preamble or header or pilot) with detect\$4) with low resolut\$4) and adc	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 16:10
S13 6	126	((pack\$4 or preamble or header or pilot) near3 detect\$4) with (low resolut\$4))	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 16:18
S13 7	5	S136 and ("375"/\$.ccls. or "455"/\$.ccls. or "370"/\$.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 16:50
S13 8	4	low resolut\$5 with preamble	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 17:30
S13 9	538	((preamble or pilot or header or pack\$4 or data or payload) with detect\$4) same ((low and high) resolut\$4)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 17:34

## EAST Search History

S14 0	298	((preamble or pilot or header or pack\$4 or data or payload) with detect\$4) with ((low and high) resolut\$4)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 17:35
S14 1	10	S140 and ("375"/\$.ccls. or "455"/\$.ccls. or "370"/\$.ccls.)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 17:40
S14 2	2	(preamble or pack\$4 or header or pilot) with detect\$4 with low resolut\$4 with adc	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 17:43
S14 3	3	(preamble or pack\$4 or header or pilot) with low resolut\$4 with adc	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 17:47
S14 6	5	(preamble or pack\$4 or header or pilot) with low\$4 with resolut\$4 same adc	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 17:49
S14 7	35	(preamble or pack\$4 or header or pilot) with low\$4 with resolut\$4 and adc	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 18:06
S14 8	1	analog front end same receiv\$4 same (data pack\$4 or payload or preamble) same (low or high) resolut\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 18:08
S14 9	112	analog front end same receiv\$4 same (data pack\$4 or payload or preamble)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 18:08
S15 0	7	analog front end same receiv\$4 same (data pack\$4 or payload or preamble or pilot or header) and (high or low) resolut\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 18:11
S15 1	1	receiv\$4 with (data or pack\$4 or head\$4 or preamble or pilot or payload) same analog front end same (low and high) resolut\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 18:13
S15 2	689	receiv\$4 with (data or pack\$4 or head\$4 or preamble or pilot or payload) same (low and high) resolut\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 18:14
S15 3	7	receiv\$4 with (data or pack\$4 or head\$4 or preamble or pilot or payload) same (low and high) resolut\$4 same adc	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 18:17
S15 4	694	receiv\$4 with (data or pack\$4 or head\$4 or preamble or pilot or payload) same bit\$4 with adc	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/04 18:18

## EAST Search History

S15 5	63	receiv\$4 with (data or pack\$4 or head\$4 or preamble or pilot or payload) same bit\$4 with adc and analog front end	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/05 08:43
S15 6	15	"249863"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/05 12:12
S15 7	3	preamble detect\$4 same low resolut\$5	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/05 12:14
S15 8	7	((("6819282") or ("6928103") or ("7116259")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 17:26
S15 9	2	("6340944"   "6577185").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/06 11:51
S16 0	1	space\$1time diversity same minimum effective same initial same end	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/06/06 13:18
S16 1	1	space\$1time diversity same initial same end	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/06/06 13:18
S16 2	18	"690446"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/06/06 17:34
S16 3	272	preamble with barker\$5	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/07 17:40
S16 4	32	preamble with detect\$5 with barker\$5	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/07 17:41
S16 5	2	preamble with detect\$5 with barker\$5 same advant\$5	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/07 17:41